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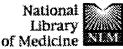
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	L18	L16 AND MGF	24	
	L17	L16 AND avulsion	4	
	L16	L8 AND L15	508	
	L15	(peripheral nerve)	5846	
	L14	L8 AND L13	94	
	L13	(530/300.CCLS.)	3076	
	L12	L10 AND peripheral	68	
	L11	L10 AND exon	31	
	L10	L9 AND nerve	121	
	L9	L7 AND L8	243	
	L8	mechano-growth factor OR MGF OR insulin-like growth factor-I OR IGF-I	5477	
	L7	(514/2.CCLS.)	5882	
	L6	Terenghi-G.IN.	5	
	L5	Terenghi-Giorgio.IN.	1	
	L4	Terenghi.IN.	18	
	L3	Goldspink-G.IN.	8	
	L2	Goldspink-Geoffrey.IN.	10	
	L1	(Goldspink.IN.)	21	

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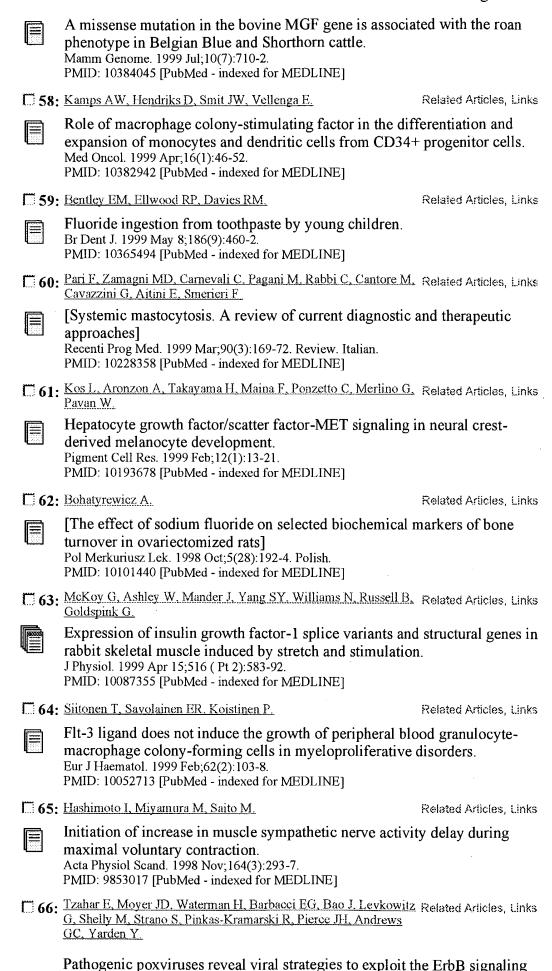
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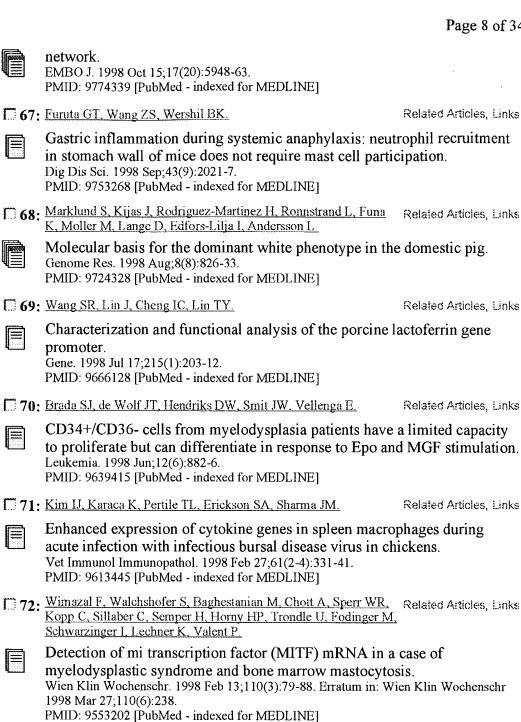
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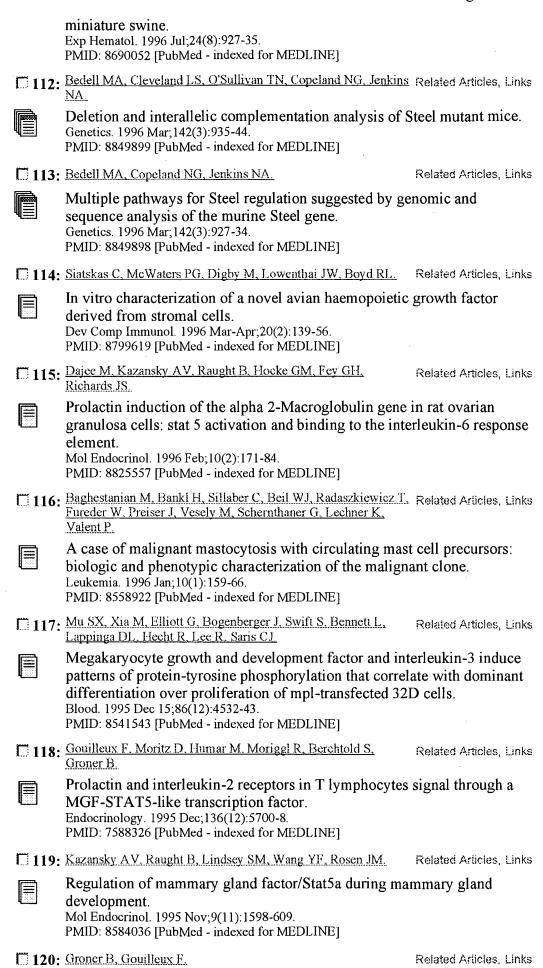
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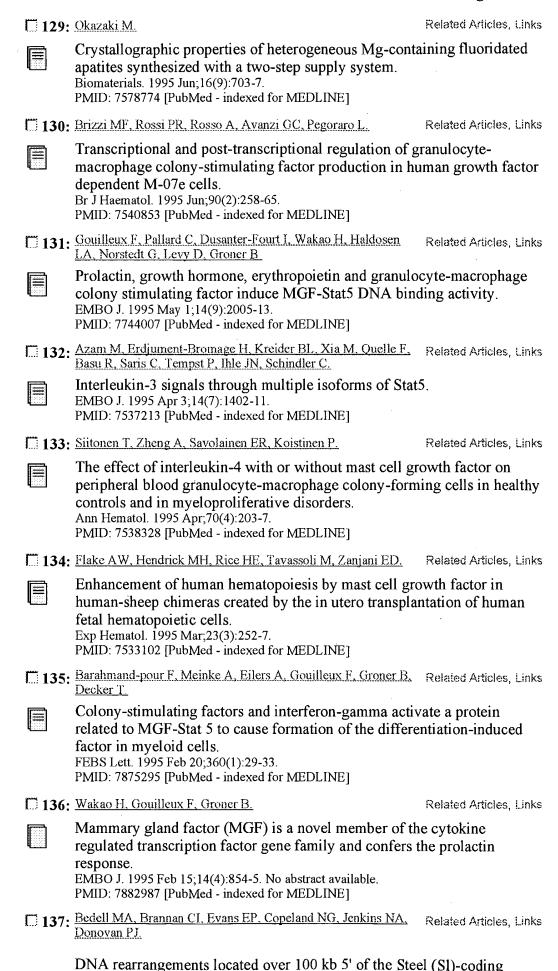
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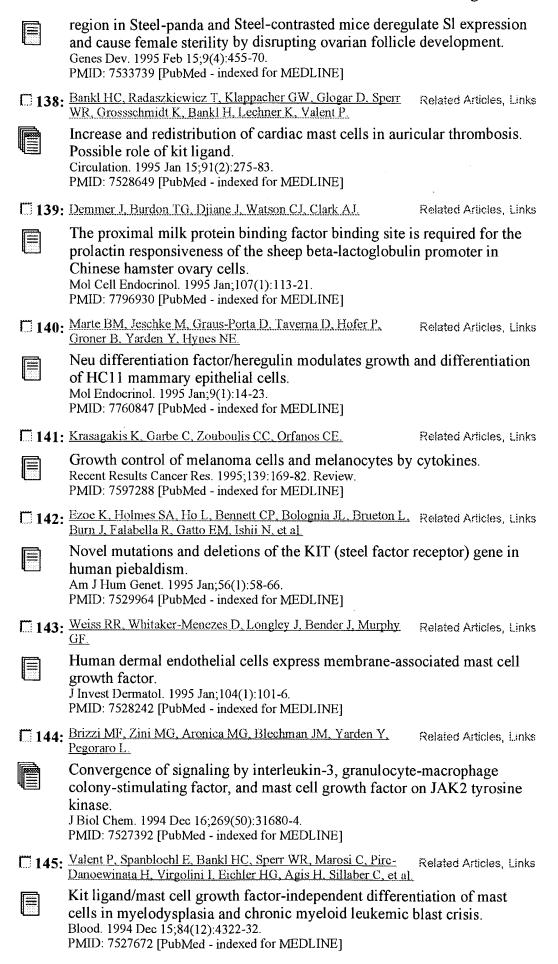


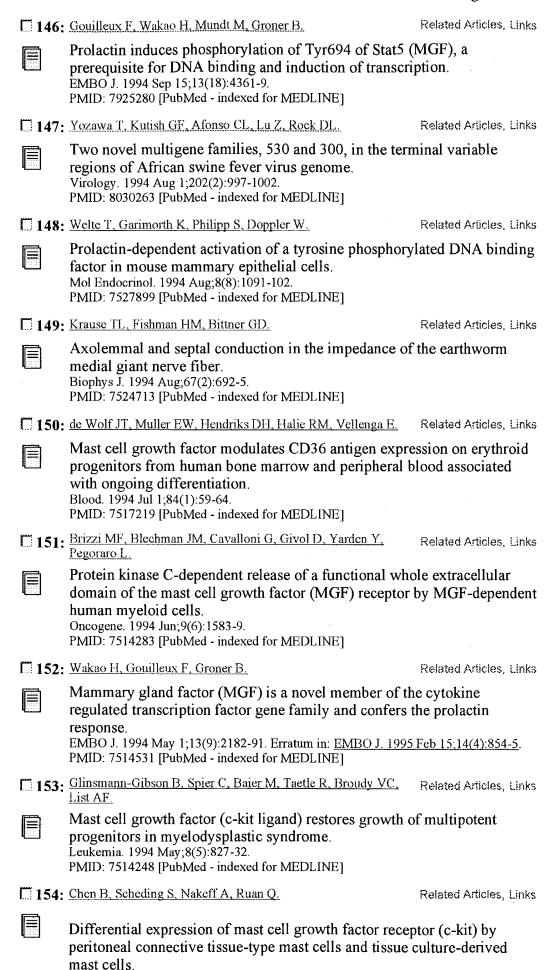
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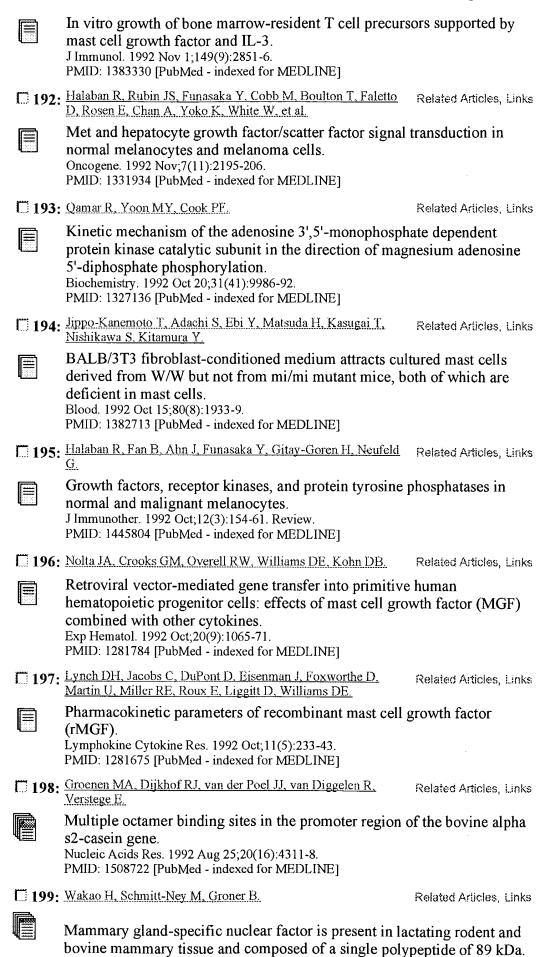
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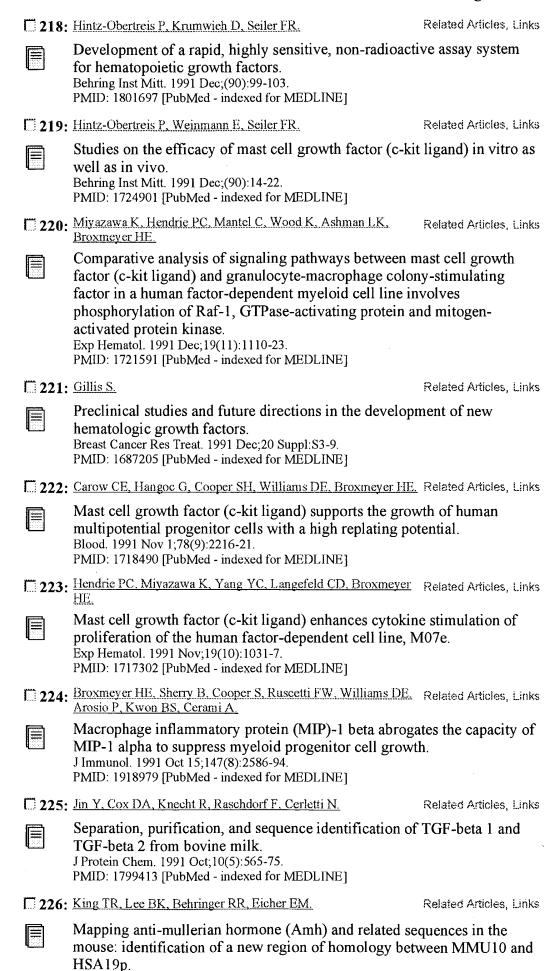
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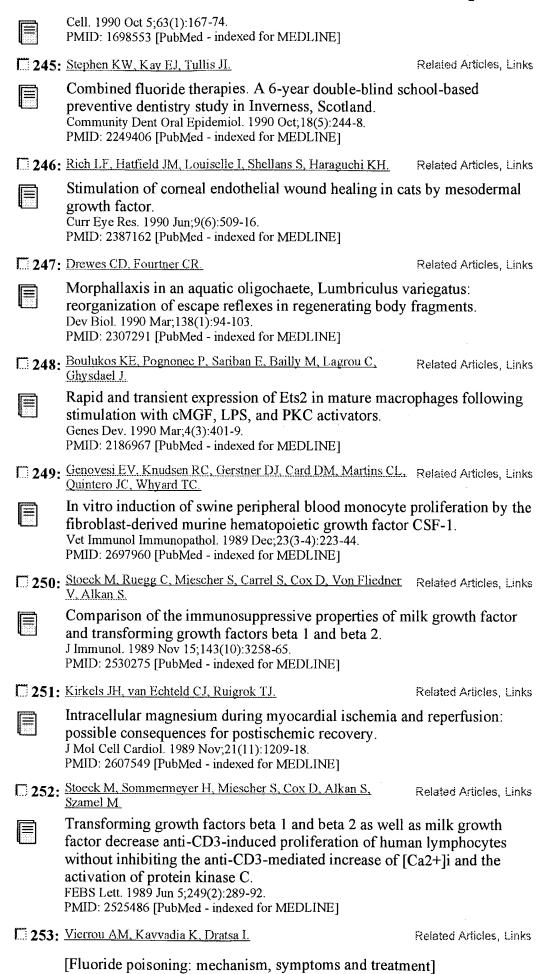
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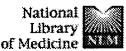
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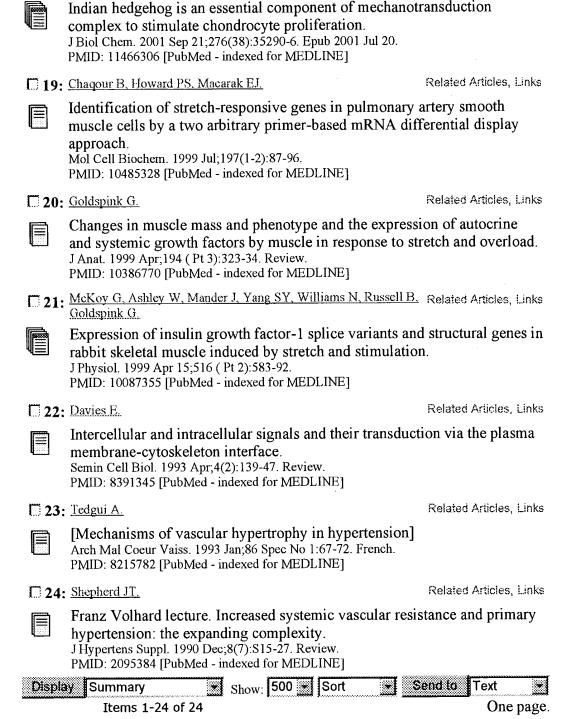
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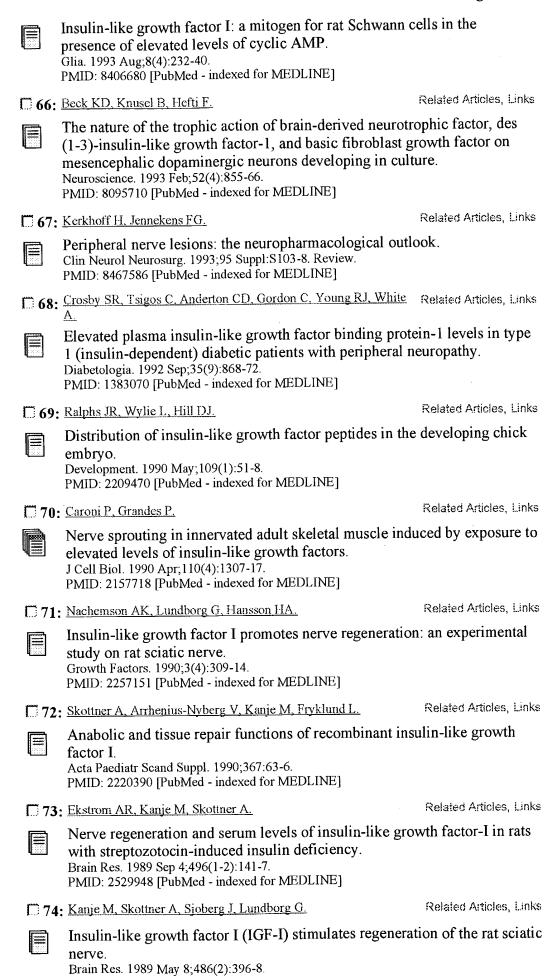
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FILE 'USPAT2' ENTERED AT 12:01:49 ON 04 MAR 2004 CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'VETB' ENTERED AT 12:01:49 ON 04 MAR 2004 COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'VETU' ENTERED AT 12:01:49 ON 04 MAR 2004 COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'WPIDS' ENTERED AT 12:01:49 ON 04 MAR 2004 COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s mechano growth factor

15 FILES SEARCHED... 30 FILES SEARCHED...

49 FILES SEARCHED...

L1 174 MECHANO GROWTH FACTOR

=> DUP REM L1 DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE, DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET, MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'. ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE PROCESSING COMPLETED FOR L1 94 DUP REM L1 (80 DUPLICATES REMOVED) L2

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L2
     ANSWER 1 OF 94 WPIDS COPYRIGHT 2004 THOMSON DERWENT ON STN
     2004-156955 [15]
ΑN
                          WPIDS
DNN
     N2004-125600
                          DNC C2004-062476
TI
     New composition comprising a population of mammalian muscle progenitor
     cells derived from joint tissue, useful for treating or preventing severe
     trauma, a diffuse trauma and crush syndrome, or Duchenne Muscular
     Dystrophy.
DC
     B04 D16 P14
     DE BARI, C; DELL'ACCIO, F; LUYTEN, F (TIGE-N) TIGENIX NV
IN
PA
     105
CYC
     WO 2004012503 A2 20040212 (200415)* EN
РΤ
                                                  74p
                                                          A01K067-027
         RW: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS
             LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW
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             PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC
             VN YU ZA ZM ZW
ADT WO 2004012503 A2 WO 2003-EP9008 20030730
PRAI US 2002-399745P 20020730
     ICM A01K067-027
IC
L2
     ANSWER 2 OF 94
                          MEDLINE on STN
     2004080975
                      IN-PROCESS
AN
     PubMed ID: 14565994
DN
     The effect of recombinant human growth hormone and resistance training on
TT
     IGF-I mRNA expression in the muscles of elderly men.
ΑU
     Hameed M; Lange K H W; Andersen J L; Schjerling P; Kjaer M; Harridge S D
     R; Goldspink G
     Department of Surgery, Royal Free and University College Medical School,
CS
     Rowland Hill Street, London NW3 2PF, UK.. m.hameed@rfc.ucl.ac.uk
Journal of physiology, (2004 Feb 15) 555 (Pt 1) 231-40.
Journal code: 0266262. ISSN: 0022-3751.
SO
     England: United Kingdom
DT
     Journal; Article; (JOURNAL ARTICLE)
LA
     English
FS
     IN-DATA-REVIEW; IN-PROCESS; NONINDEXED; Priority Journals
ED
     Entered STN: 20040219
     Last Updated on STN: 20040219
      ANSWER 3 OF 94 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
12
      2003-24671 BIOTECHDS
AN
      New peptides corresponding to the C terminus of creatine kinase have a
TI
                              ***mechano*** - ***growth***
      similar function to
                                                                     ***factor***
       and are useful to treat muscle damage such as exercise injury, muscular
      dystrophy and heart attack damage;
          creatine-kinase for drug composition manufacture and disease therapy
ΑU
      BEAUMONT N
PA
      BEAUMONT N
      WO 2003068949 21 Aug 2003
WO 2003-GB657 14 Feb 2003
PΙ
ΑI
      GB 2002-3552 14 Feb 2002; GB 2002-3552 14 Feb 2002
PRAI
DT
      Patent
LA
      English
os
      WPI: 2003-679637 [64]
      ANSWER 4 OF 94 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
L2
      2003-23025 BIOTECHDS
AN
                ***Mechano***
                                    ***Growth***
                                                      ***Factor***
TI
                                                                      polypeptide or
      polynucleotide for preventing or limiting apoptosis in the myocardium,
      particularly for preventing or limiting myocardial damage in response to ischemia or mechanical overload of the heart;
          involving vector-mediated gene transfer and expression in host cell
          for use in cardiovascular disorder prevention and therapy
ΑU
      GOLDSPINK G; GOLDSPINK P
PA
      UNIV COLLEGE LONDON; UNIV ILLINOIS FOUND
PΙ
      WO 2003066082 14 Aug 2003
ΑI
      WO 2003-GB537 6 Feb 2003
PRAI
      GB 2002-2906 7 Feb 2002; GB 2002-2906 7 Feb 2002
DT
      Patent
ΙΑ
      English
os
      WPÎ: 2003-636936 [60]
```

ANSWER 5 OF 94 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

L2

- **DUPLICATE 3** AN 2003:341911 BIOSIS PREV200300341911 DN Acute molecular responses of skeletal muscle to resistance exercise in TT able-bodied and spinal cord-injured subjects. Bickel, C. Scott; Slade, Jill M.; Haddad, Fadia; Adams, Gregory R. [Reprint Author]; Dudley, Gary A. Dept. of Physiology and Biophysics, Univ. of California, Irvine, 346-D CS Medical Sciences 1, Irvine, CA, 92697-4560, USA gradams@uci.edu Journal of Applied Physiology, (June 2003) Vol. 94, No. 6, pp. 2255-2262.
- ISSN: 8750-7587 (ISSN print). DT Article
- English LA
- Entered STN: 23 Jul 2003 ED Last Updated on STN: 23 Jul 2003
- ANSWER 6 OF 94 CAPLUS COPYRIGHT 2004 ACS on STN 12
- AN 2003:608935 CAPLUS
- Expression of IGF-I splice variants in young and old human skeletal muscle ΤI
- CS
- after high resistance exercise. [Erratum to document cited in CA139:1442] Hameed, M.; Orrell, R. W.; Cobbold, M.; Goldspink, G.; Harridge, S. D. R. Departments of Physiology, Clinical Neurosciences and surgery, Royal Free and University College Medical School, London, NW3 2PF, UK
- Journal of Physiology (Cambridge, United Kingdom) (2003), 549(3), 995 CODEN: JPHYA7; ISSN: 0022-3751
- PB Cambridge University Press
- Journal; Errata DT
- 1 A English
- ANSWER 7 OF 94 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN L2 **DUPLICATE 4**
- 2003:174844 **BIOSIS** ΑN
- DN PREV200300174844
- TT Skeletal muscle repair by adult human mesenchymal stem cells from synovial
- De Bari, Cosimo; Dell'Accio, Francesco; Vandenabeele, Frank; Vermeesch, Joris R.; Raymackers, Jean-Marc; Luyten, Frank P. [Reprint Author]
- Laboratory for Skeletal Development and Joint Disorders, Dept. of Rheumatology, Katholieke Universiteit Leuven, Herestraat 49, 3000, Leuven, Belgium frank.luyten@uz.kuleuven.ac.be
- Journal of Cell Biology, (March 17 2003) Vol. 160, No. 6, pp. 909-918. SO CODEN: JCLBA3. ISSN: 0021-9525.
- DT Article
- English LA
- Entered STN: 9 Apr 2003 FD Last Updated on STN: 9 Apr 2003
- L2 ANSWER 8 OF 94 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN DUPLICATE 5
- 2003:174826 BIOSIS AN
- PREV200300174826 DN
- TI Further proof of the plasticity of adult stem cells and their role in tissue repair.
- ΑU Prockop, Darwin J. [Reprint Author]
- Center for Gene Therapy, Tulane University Health Sciences Center, 1430 CS Tulane Ave., New Orleans, LA, 70112, USA dprocko@tulane.edu
- SO Journal of Cell Biology, (March 17 2003) Vol. 160, No. 6, pp. 807-809. print. CODEN: JCLBA3. ISSN: 0021-9525.
- Article DT
- Enalish
- ED Entered STN: 9 Apr 2003 Last Updated on STN: 9 Apr 2003
- L2 ANSWER 9 OF 94 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN **DUPLICATE 6**
- 2003:374726 BIOSIS DN PREV200300374726
- TI Expression and splicing of the insulin-like growth factor gene in rodent muscle is associated with muscle satellite (stem) cell activation following local tissue damage.

```
ΑU
     Hill, Maria; Goldspink, Geoffrey [Reprint Author]
Medical School, Royal Free and University College, Rowland Hill Street,
     Royal Free Campus, London, NW3 2PF, UK
     goldspink@rfc.ucl.ac.uk
     Journal of Physiology (Cambridge), (1 June 2003) Vol. 549, No. 2, pp.
S<sub>0</sub>
     409-418. print.
     ISSN: 0022-3751 (ISSN print).
     Article
DT
     English
LA
ED
     Entered STN: 13 Aug 2003
     Last Updated on STN: 13 Aug 2003
     ANSWER 10 OF 94 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L2
     DUPLICATE 7
     2003:510592
AN
                   BIOSIS
DN
     PREV200300511317
TI
     Expression of IGF-I splice variants in young and old human skeletal muscle
     after high resistance exercise.
     Hameed, M.; Orrell, R. W.; Cobbold, M.; Goldspink, G.; Harridge, S. D. R.
     [Reprint Author]
     Department of Physiology, Medical School, Royal Free and University
CS
     College, University College London, Rowland Hill Street, London, NW3 2PF.
     s.harridge@rfc.ucl.ac.uk
     Journal of Physiology (Cambridge), (15 February 2003) Vol. 547, No. 1, pp.
S0
     247-254. print.
     ISSN: 0022-3751 (ISSN print).
DT
     Article
     English
ΙΑ
     Entered STN: 5 Nov 2003
     Last Updated on STN: 5 Nov 2003
     ANSWER 11 OF 94 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
L2
     on STN
AN
     2004064836 EMBASE
     SENS Acquires SENSe: Present and Future Anti-Aging Strategies.
TI
ΑU
     Riga D.
CS
     Dr. D. Riga, Al. Obregia Clin. Hosp. of Psychiat., Sector 4, 10 Berceni
     Rd., Bucharest 8, Romania. D_S_Riga@yahoo.com
     Journal of Anti-Aging Medicine, (2003) 6/3 (231-236). ISSN: 1094-5458 CODEN: JAMEF8
     United States
CY
     Journal; Conference Article
DT
FS
     017
              Public Health, Social Medicine and Epidemiology
     020
              Gerontology and Geriatrics
     021
              Developmental Biology and Teratology
     030
              Pharmacology
     037
              Drug Literature Index
LA
     English
L2
     ANSWER 12 OF 94 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
     DUPLICATE 8
     2003:181441
AN
                  BIOSIS
     PREV200300181441
DN
TI
     3-D in vitro model of early skeletal muscle development.
ΑU
     Cheema, U.; Yang, S.-Y.; Mudera, V.; Goldspink, G. G.; Brown, R. A.
     [Reprint Author]
CS
     Tissue Repair and Engineering Centre, University College London, RFUCMS,
     Institute of Orthopaedics, RNOH, Stanmore, Middlesex, HA7 4LP, UK
     rehkrab@ucl.ac.uk
SO
     Cell Motility and the Cytoskeleton, (March 2003) Vol. 54, No. 3, pp.
     226-236. print.
     ISSN: 0886-1544 (ISSN print).
     Article
DT
     Enalish
LA
ED
     Entered STN: 9 Apr 2003
     Last Updated on STN: 9 Apr 2003
L2
      ANSWER 13 OF 94 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
      DUPLICATE
      2003:36713703
                       BIOTECHNO
TT
      Super athletes or gene cheats?
ΑU
      McCrory P.
CS
      Dr. P. McCrory, PO Box 93, Shoreham, Vic. 3916, Australia.
      E-mail: pmccrory@compuserve.com
```

British Journal of Sports Medicine, (2003), 37/3 (192-193), 7

50

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reference(s)
      CODEN: BJSMDZ ISSN: 0306-3674
DT
      Journal; (Short Survey)
CY
      United Kingdom
      English
LΑ
     ANSWER 14 OF 94 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L2
     DUPLICATE 10
AN
     2003:135531 BIOSIS
     PREV200300135531
DN
     Ageing and local growth factors in muscle.
TI
ΑU
     Harridge, Stephen D. R. [Reprint Author]
CS
     Department of Physiology, Medical School, Royal Free and University
     College, Rowland Hill Street, London, NW3 2PF, UK
S<sub>0</sub>
     Scandinavian Journal of Medicine & Science in Sports, (February 2003) Vol.
     13, No. 1, pp. 34-39. print. ISSN: 0905-7188 (ISSN print).
DT
     Article
     General Review; (Literature Review)
     English
     Entered STN: 12 Mar 2003
ED
     Last Updated on STN: 12 Mar 2003
     ANSWER 15 OF 94 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 11
L2
AN
                IFIPAT; IFIUDB; IFICDB
      REPAIR OF NERVE DAMAGE; TREATING NERVE DAMAGE; ADMINISTER INSULIN LIKE
TI
      GROWTH FACTOR ISOFORM TO HUMAN, MONITOR RESPONSE OF DAMAGED NERVES
IN
      Goldspink Geoffrey (GB); Terenghi Giorgio (GB)
PA
      Unassigned Or Assigned To Individual (68000)
PΙ
      us 2002083477
                          20020627
                       Α1
      us 2001-852261
                           20010510
ΑI
      GB 2000-112789
PRAI
                           20000510
FI
      us 2002083477
                           20020627
      Utility; Patent Application - First Publication
DT
FS
      CHEMICAL
      APPLICATION
CLMN
      13
GI
       23 Figure(s).
     FIG. 1: Total numbers of motoneurones in the facial motor nucleus
     KEY
     1: normal
     2: 1 month crush
     3: 1 month avulsion
     4: plasmid only-1 month avulsion
     5: IGF-I plasmid-1 month avulsion
     6: MGF plasmid-1 month avulsion
     right: operated side; left: non-operated side
     FIG. 2: Avulsion (control experiments)
     (a) Low magnification view of a transverse section through the brainstem
      at the level of the facial nucleus, 1 month following facial nerve avulsion. Numbers of motoneurones in the facial nucleus of the operated
      side (b) are markedly reduced compared to the non-operated nucleus (arrow
      and inset c). 70 mu m vibratome section stained with YOYO and viewed
      using epifluorescence.
     FIG. 3: Plasmid experiments
     (a) Low magnification view of the brainstem at the level of the facial
      nucleus Plasmid DNA without any gene insert was injected into the right
      snout muscle. 7 days later the right facial nerve was avulsed and the
      animal allowed to survive for 1 month. Like the effect of avulsion only
      (FIG. 1), numbers of motoneurones in the facial nucleus of the operated
      side (c) are markedly reduced compared to the non-operated nucleus (arrow
      and inset b) 70 mu m vibratome section stained with YOYO and viewed using
      epiflourescence.
     FIG. 4: MGF plasmid experiments
     (a) Low magnification view of the brainstem at the level of the facial
      nucleus. Plasmid DNA containing the rat MGF gene was injected into the
      right snout muscle. 7 days later the right facial nerve was avulsed and
      the animal allowed to survive for 1 month Numbers of motoneurones in the
      facial nucleus of the operated side (b) are similar to the non-operated
     nucleus (arrow and inset c). 70 mu m vibratome section stained with YOYO
      and viewed using epiflourescence.
     FIG. 5: cDNA and amino acid sequence of human MGF, showing its exon
     structure
    FIG. 6: cDNA and amino acid sequence of rat MGF, showing its exon
    FIG. 7: cDNA and amino acid sequence of rabbit MGF, showing its exon
```

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FIG. 8: cDNA and amino acid sequence of human L.IGF-I, showing its exon
      structure
     FIG. 9: cDNA and amino acid sequence of rat L-IGF-I, showing its exon
      structure
     FIG. 10: cDNA and amino acid sequence of rabbit L-IGF-I, showing its exon
      structure
     FIG. 11: Sequence alignment, illustrating exon structure of human, rat and rabbit MGF and L-IGF-I, and highlighting similarities and differences
     FIG. 12. Staining for axon (Pan NF, in red in original colour) and
      supporting Schwann cells (S100, in green in original colour) showing
      axonal regeneration in the three experimental groups. The axon regrowth in the MGF group is more abundant and reaches further into the distal
      nerve than the axons in the other two experimental groups. Top centre;
      MGF, lower left; control with "empty" vector, lower right: L.IGF.
     ANSWER 16 OF 94 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 12
     2002:557908 CAPLUS
     137:382729
     Selected contribution: acute cellular and molecular responses to
     resistance exercise
     Haddad, Fadia; Adams, Gregory R.
Department of Physiology and Biophysics, University of California, Irvine,
     Irvine, CA, 92697, USA
     Journal of Applied Physiology (2002), 93(1), 394-403
     CODEN: JAPHEV; ISSN: 8750-7587
     American Physiological Society
     Journal
     English
RE.CNT 18
               THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT
     ANSWER 17 OF 94 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
     DUPLICATE 13
     2003:101950
                   BIOSIS
     PREV200300101950
     Skeletal muscle plasticity and training.
     Original Title: Strukturanpassungen des Skelettmuskels auf Training..
     Steinacker, J. M. [Reprint Author]; Wang, L.; Lormes, W.; Reissnecker, S.;
     Liu, Y.
Sektion Sport- und Rehabilitationsmedizin Abteilung Innere Medizin II,
     Steinhoevelstr. 9, 89070, Ulm, Germany juergen.steinacker@medizin.uni-ulm.de
     Deutsche Zeitschrift fuer Sportmedizin, (Dezember 2002) Vol. 53, No. 12,
     pp. 354-360. print.
     ISSN: 0344-5925 (ISSN print).
     Article
     German
     Entered STN: 19 Feb 2003
     Last Updated on STN: 19 Feb 2003
     ANSWER 18 OF 94 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
     DUPLICATE 14
     2002:455725
                   BIOSIS
     PREV200200455725
     Gene expression in skeletal muscle.
     Goldspink, G. [Reprint author]
     Departments of Anatomy and Surgery, Medical School, Royal Free and
     University College, University of London, Rowland Hill Street, Royal Free
     Campus, London, NW3 2PF, UK
     goldspink@rfc.ucl.ac.uk
     Biochemical Society Transactions, (April, 2002) Vol. 30, No. 2, pp.
     285-290. print.
     Meeting Info.: 675th Meeting of the Biochemical Society. York, UK.
     December 17-19, 2001.
     CODEN: BCSTB5. ISSN: 0300-5127.
     Conference; (Meeting)
     Conference; Abstract; (Meeting Abstract)
     English
     Entered STN: 28 Aug 2002
     Last Updated on STN: 28 Aug 2002
     ANSWER 19 OF 94 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
     2003:3363 BIOSIS
     PREV200300003363
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IGF-I promoter activity and induction of IGF-I and MGF mRNA during

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CS

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12

AN DN

TI

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plantaris functional overload.
     McCall, G. E. [Reprint Author]; Haddad, F.; Allen, D. L.; Qin, A. X.;
     McCue, S. A.; Baldwin, K. M.
University of California Irvine, Irvine, CA, USA
CS
     Medicine & Science in Sports & Exercise, (May 2002) Vol. 34, No. 5
50
     Supplement, pp. S187. print.
     Meeting Info.: 49th Annual Meeting of the American College of Sports
     Medicine held in Conjunction with the Sixth IOC (International Olympic
     Committee) World Congress on Sport Sciences. St Louis, MO, USA. May
     28-June 01, 2002. American College of Sports Medicine.
     CODEN: MSPEDA. ISSN: 0195-9131.
     Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
DT
     English
     Entered STN: 18 Dec 2002
ED
     Last Updated on STN: 18 Dec 2002
     ANSWER 20 OF 94 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L2
     DUPLICATE 15
     2002:407334
                    BIOSIS
AN
     PREV200200407334
DN
     Different roles of the IGF-I Ec peptide (MGF) and mature IGF-I in myoblast
      proliferation and differentiation.
     Yang, Shi Yu; Goldspink, Geoffrey [Reprint author]
Molecular Tissue Repair Unit, Department of Surgery, and University
College Medical School, Royal Free, University College London, Rowland
CS
     Hill_Street, London, NW3 2PF, UK
      g.goldspink@rfc.ucl.ac.uk
     FEBS Letters, (3 July, 2002) Vol. 522, No. 1-3, pp. 156-160. print. CODEN: FEBLAL. ISSN: 0014-5793.
SO
DT
     Article
     English
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     Entered STN: 31 Jul 2002
     Last Updated on STN: 31 Jul 2002
L2
     ANSWER 21 OF 94 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
     2002:330902 BIOSIS
AN
DN
     PREV200200330902
     Gene expression in muscle in response to exercise.
TI
     Goldspink, G. [Reprint author]
ΑU
CS
     Medical School, Royal Free and University College, London, NW3 2PF, UK
     Biochemical Society Transactions, (2002) Vol. 30, No. 1, pp. All. print. Meeting Info.: 675th Meeting of the Biochemical Society joint with the
     Physiological Society. York, England, UK. December 18-19, 2001.
      CODEN: BCSTB5. ISSN: 0300-5127.
DT
      Conference; (Meeting)
      Conference; Abstract; (Meeting Abstract)
LA
ED
      Entered STN: 12 Jun 2002
     Last Updated on STN: 12 Jun 2002
L2
       ANSWER 22 OF 94 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
       2002-04468 BIOTECHDS
ΑN
       Use of somatomedin-C (IFG-I) isoform known as ***mechano***

***growth*** ***factor*** which is encoded by IGF-I exons 4,5,6 and
                                                              ***mechano***
TI
       has ability to reduce motorneurone loss in response to nerve avulsion, to
       treat nerve damage;
          for use in gene therapy
ΑU
       Goldspink G; Terenghi G
PA
       Univ.London; East-Grinstead-Med.Res.Trust
LO
       London, UK; East Grinstead, UK.
       WO 2001085781 15 Nov 2001
PΙ
ΑI
       WO 2001-GB2054 10 May 2001
PRAI
       GB 2000-11278 10 May 2000
DT
       Patent
LA
       English
os
       WPĪ: 2002-055585 [07]
12
     ANSWER 23 OF 94 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 17
AN
     2001:380645 CAPLUS
DN
     135:807
TI
     Use of insulin-like-growth factor I isoform
                                                          ***mechano***
                           ***factor***
        ***arowth***
                                            for treatment of neurological disorders
     Goldspink, Geoffrey; Johnson, Ian
IN
     University College London, UK
PΑ
```

SO

PCT Int. Appl., 66 pp.

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CODEN: PIXXD2
DT
     Patent
LA
     English
FAN.CNT 1
     PATENT NO.
                       KIND DATE
                                             APPLICATION NO. DATE
PΙ
     wo 2001036483
                        A1 20010525
                                              wo 2000-GB4354
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         RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
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                              20020904
                                              EP 2000-976142
                                                                20001115
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         R:
     JP 2003520784
                                              JP 2001-538972
                        Ť2
                              20030708
                                                                20001115
PRAI GB 1999-26968
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                        Α
     WO 2000-GB4354
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RE.CNT 10
               THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT
L2
     ANSWER 24 OF 94 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
     DUPLICATE 18
     2001:486237 BIOSIS
     PREV200100486237
DN
     Age-related loss of skeletal muscle function and the inability to express
TI
     the autocrine form of insulin-like growth factor-1 (MGF) in response to
     mechanical overload.
     Owino, Vivian; Yang, Shi Yu; Goldspink, Geoffrey [Reprint author]
Department of Anatomy and Developmental Biology, Division of Basic Medical
ΑU
CS
     Sciences, Royal Free and University College Medical School, Rowland Hill
     Street, Royal Free Campus, London, NW3 2PF, UK
     g.goldspink@rfc.ucl.ac.uk
     FEBS Letters, (14 September, 2001) Vol. 505, No. 2, pp. 259-263. print. CODEN: FEBLAL. ISSN: 0014-5793.
SO
DT
     Article
     English
IΑ
     Entered STN: 17 Oct 2001
ED
     Last Updated on STN: 23 Feb 2002
L2
     ANSWER 25 OF 94 CAPLUS COPYRIGHT 2004 ACS on STN
     2001:618994 CAPLUS
AN
     135:313694
DN
     Gene expression associated with muscle adaptation in response to physical
     signals
     Goldspink, Geoff; Yang, Shi Yu
ΑIJ
     Royal Free and UCL Medical School, University of London, London, NW3 2PF,
CS
SO
     Cell and Molecular Responses to Stress (2001), 2(Protein Adaptations and
     Signal Transduction), 87-96
     CODEN: CMRSCB
     Elsevier Science B.V.
PB
DT
     Journal; General Review
     English
LA
RE.CNT 52
               THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT
L2
     ANSWER 26 OF 94 AGRICOLA Compiled and distributed by the National
     Agricultural Library of the Department of Agriculture of the United States
     of America. It contains copyrighted materials. All rights reserved.
     (2004) on STN
                                                            DUPLICATE 19
     2002:44999 AGRICOLA
AN
DN
     IND23277109
     Effects of activity on growth factor expression.
ΤI
     Goldspink, G.; Yang, S.Ÿ. DNAL (RC1235.I515)
ΑU
ΑV
SO
     International journal of sport nutrition & exercise metabolism, Dec 2001.
     Vol. 11, No. suppl.. p. S21-S27
     Publisher: Champaign, IL: Human Kinetics, c2000-
     ISSN: 1526-484X
NTE
     Includes references
CY
     Illinois; United States
DT
     Article
FS
     U.S. Imprints not USDA, Experiment or Extension
LA
     English
L2
      ANSWER 27 OF 94 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
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DUPLICATE

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ΑN
       2001:34037784
                          BIOTECHNO
       Effects of activity on growth factor expression
TI
       Goldspink G.; Yang S.Y.
ΑU
       G. Goldspink, Department of Developmental Biology, University College
Medical School, University of London, Rowland Hill St., London NW3 2PF,
CS
       United Kingdom.
S0
       International Journal of Sport Nutrition, (2001), 11/SUPPL. (S21-S27), 18
       reference(s)
       CODEN: ISNUE5 ISSN: 1050-1606
DT
       Journal; Conference Article
CY
       United States
       English
LA
       English
SL
L2
      ANSWER 28 OF 94 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN
      2002:36447 SCISEARCH
ΑN
      The Genuine Article (R) Number: 508DE
GΑ
      Effects of activity on growth factor expression
TI
ΑU
      Goldspink G (Reprint); Yang S Y
      Univ London, Royal Free & Univ Coll Med Sch, Dept Anat & Dev Biol, Rowland Hill St, London NW3 2PF, England (Reprint); Univ London, Royal Free & Univ Coll Med Sch, Dept Anat & Dev Biol, London NW3 2PF, England
CYA
      England
50
      INTERNATIONAL JOURNAL OF SPORT NUTRITION AND EXERCISE METABOLISM, (DEC
      2001) Vol. 11, Supp. [S], pp. S21-S27.
      Publisher: HUMAN KINETICS PUBL INC, 1607 N MARKET ST, CHAMPAIGN, IL
      61820-2200 USA.
      ISSN: 1050-1606.
      Article; Journal
DT
LA
      English
REC
      Reference Count: 18
      *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
      ANSWER 29 OF 94 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L2
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AN
      1999:256799
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      PREV199900256799
DN
      Expression of insulin growth factor-1 splice variants and structural genes
TI
      in rabbit skeletal muscle induced by stretch and stimulation.
     McKoy, Godfrina; Ashley, William; Mander, James; Yang, Shi Yu; Williams, Norman; Russell, Brenda; Goldspink, Geoffrey [Reprint author]
      Department of Anatomy and Developmental Biology, Royal Free Campus, Royal Free and University College Medical School, Rowland Hill Street, London,
CS
      NW3 2PF, UK
      Journal of Physiology (Cambridge), (April 15, 1999) Vol. 516, No. 2, pp.
50
      583-592. print.
      CODEN: JPHYA7. ISSN: 0022-3751.
      Article
DT
      English
LA
      Entered STN: 2 Jul 1999
      Last Updated on STN: 2 Jul 1999
      ANSWER 30 OF 94 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L2
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      1999:305614
AN
                     BIOSIS
DN
      PREV199900305614
TI
     Changes in muscle mass and phenotype and the expression of autocrine and
      systemic growth factors by muscle in response to stretch and overload.
     Goldspink, Geoffrey [Reprint author]
CS
     Department of Anatomy and Developmental Biology, Royal Free and University
      College Medical School, Rowland Hill Street, London, NW3 2PF, UK
     Journal of Anatomy, (April, 1999) Vol. 194, No. 3, pp. 323-334. print. CODEN: JOANAY. ISSN: 0021-8782.
SO
DT
     Article
     General Review; (Literature Review)
     English
LA
     Entered STN: 12 Aug 1999
ED
     Last Updated on STN: 12 Aug 1999
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       ABR63170 protein
Use of ***Mechano***
AN
                                   DGENE
                                       ***Growth***
                                                            ***Factor***
ΤI
                                                                              polypeptide or
       polynucleotide for preventing or limiting apoptosis in the myocardium, particularly for preventing or limiting myocardial damage in response to
       ischemia or mechanical overload of the heart.
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IN

Goldspink G; Goldspink P

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UNIV COLLEGE LONDON.
PA
       (UNLO)
       (UNII)
                     UNIV ILLINOIS FOUND.
       WO 2003066082 A1 20030814
ΡI
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ΑI
       WO 2003-GB537
                           20030206
       GB 2002-2906
PRAI
                           20020207
DT
       Patent
LA
       English
os
       2003-636936 [60]
CR
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DESC
       Human liver-type insulin-like growth factor 1 (C-terminal end).
L2
       ANSWER 32 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
ΑN
       ABR63171 protein
                                   DGENE
                 ***Mechano***
                                      ***Growth***
ΤI
       Use of
                                                         ***Factor***
                                                                           polypeptide or
       polynucleotide for preventing or limiting apoptosis in the myocardium, particularly for preventing or limiting myocardial damage in response to
       ischemia or mechanical overload of the heart.
       Goldspink G; Goldspink P
IN
                     UNIV COLLEGE LONDON.
PA
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       (UNII)
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PΙ
       WO 2003066082 A1 20030814
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PRAI
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DT
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CR
       N-PSDB: ACF79639
DESC
       Rat liver-type insulin-like growth factor 1 (C-terminal end).
L2
       ANSWER 33 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
       ABR63169 protein
Use of ***Mechano***
ΑN
                                   DGENE
TI
                                      ***Growth***
                                                         ***Factor***
                                                                           polypeptide or
       polynucleotide for preventing or limiting apoptosis in the myocardium, particularly for preventing or limiting myocardial damage in response to ischemia or mechanical overload of the heart.
IN
       Goldspink G; Goldspink P
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PRAI
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DT
       Patent
LA
       English
       2003-636936 [60]
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CR
       Rabbit
                 ***mechano***
DESC
                                      ***growth***
                                                         ***factor***
                                                                           (C-terminal
       end).
L2
       ANSWER 34 OF 94 DGENE
                                  COPYRIGHT 2004 THOMSON DERWENT on STN
       ABR63167 protein
ΑN
                                  DGENE
TI
                ***Mechano***
                                      ***Growth***
                                                         ***Factor***
                                                                           polypeptide or
       polynucleotide for preventing or limiting apoptosis in the myocardium, particularly for preventing or limiting myocardial damage in response to
       ischemia or mechanical overload of the heart.
IN
       Goldspink G; Goldspink P
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PA
       (UNLO)
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ΡI
       WO 2003066082 A1 20030814
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AΙ
       WO 2003-GB537
                          20030206
PRAI
       GB 2002-2906
                          20020207
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LA
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0S
       2003-636936 [60]
      N-PSDB: ACF79635
CR
                ***mechano***
DESC
      Human
                                     ***growth***
                                                        ***factor***
                                                                          (C-terminal
       end).
L2
       ANSWER 35 OF 94 DGENE
                                  COPYRIGHT 2004 THOMSON DERWENT on STN
ΑN
      ABR63172 protein
                ***Mechano***
                                                         ***Factor***
TI
       Use of
                                      ***Growth***
                                                                           polypeptide or
       polynucleotide for preventing or limiting apoptosis in the myocardium,
       particularly for preventing or limiting myocardial damage in response to
       ischemia or mechanical overload of the heart.
IN
       Goldspink G; Goldspink P
PA
                    UNIV COLLEGE LONDON.
       (UNLO)
       (UNII)
                    UNIV ILLINOIS FOUND.
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WO 2003066082 A1 20030814
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PRAI
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LÀ
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os
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CR
DESC
       Rabbit liver-type insulin-like growth factor 1 (C-terminal end).
L2
       ANSWER 36 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
ΑN
       ABR63168 protein
                                 DGENE
                ***Mechano***
                                                        ***Factor***
ΤI
       Use of
                                     ***Growth***
                                                                         polypeptide or
       polynucleotide for preventing or limiting apoptosis in the myocardium, particularly for preventing or limiting myocardial damage in response to
       ischemia or mechanical overload of the heart.
       Goldspink G; Goldspink P
IN
       (UNLO)
PA
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       (UNII)
                    UNIV ILLINOIS FOUND.
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      WO 2003-GB537
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PRAI
DT
       Patent
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ΙA
05
       2003-636936 [60]
CR
       N-PSDB: ACF79636
             ***mechano***
DESC
       Rat
                                 ***growth***
                                                    ***factor***
                                                                     (C-terminal end).
L2
       ANSWER 37 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
ΑN
       ADA23386 peptide
                                 DGENE
      New peptides corresponding to the C terminus of creatine kinase have a similar function to ***mechano*** - ***growth*** ***factor***
TI
       and are useful to treat muscle damage such as exercise injury, muscular
       dystrophy and heart attack damage.
       Beaumont N
IN
PA
       (BEAU-I)
                    BEAUMONT N.
      WO 2003068949 A1 20030821
PΙ
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ΑI
      WO 2003-GB657
                         20030214
PRAI
       GB 2002-3552
                          20020214
DT
       Patent
       English
LA
05
       2003-679637 [64]
DESC
      Rat C-terminal creatine kinase B-chain peptide.
L2
      ANSWER 38 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
      ADA23385 peptide
ΑN
                                 DGENE
      New peptides corresponding to the C terminus of creatine kinase have a similar function to ***mechano*** - ***growth*** ***factor***
TT
      and are useful to treat muscle damage such as exercise injury, muscular
      dystrophy and heart attack damage.
IN
      Beaumont N
PA
       (BEAU-I)
                    BEAUMONT N.
      wo 2003068949 A1 20030821
PΙ
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      WO 2003-GB657
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AΤ
PRAI
      GB 2002-3552
                         20020214
DT
      Patent
LA
      English
      2003-679637 [64]
os
      Torpedo C-terminal creatine kinase M-chain peptide.
DESC
      ANSWER 39 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
L2
ΑN
      ADA23376 peptide
                                 DGENE
TI
      New peptides corresponding to the C terminus of creatine kinase have a
                              ***mechano*** - ***growth***
      similar function to
                                                                      ***factor***
      and are useful to treat muscle damage such as exercise injury, muscular
      dystrophy and heart attack damage.
ΙN
      Beaumont N
PA
      (BEAU-I)
                    BEAUMONT N.
PΙ
      WO 2003068949 A1 20030821
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      WO 2003-GB657
ΑI
                         20030214
PRAI
      GB 2002-3552
                         20020214
DT
      Patent
IΑ
      English
05
      2003-679637 [64]
DESC
      Mouse C-terminal MGF peptide.
L2
      ANSWER 40 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
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ΑN
       ADA23387 peptide
                                  DGENE
      New peptides corresponding to the C terminus of creatine kinase have a similar function to ***mechano*** - ***growth*** ***factor***
TI
       and are useful to treat muscle damage such as exercise injury, muscular
       dystrophy and heart attack damage.
       Beaumont N
IN
       (BEAU-I)
PA
                    BEAUMONT N.
PΙ
       wo 2003068949 A1 20030821
                                                     21p
      WO 2003-GB657
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ΑI
PRAI
       GB 2002-3552
                          20020214
DT
       Patent
       English
LA
       2003-679637 [64]
OS
       Salmon C-terminal creatine kinase T-chain peptide.
DESC
L2
       ANSWER 41 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
       ADA23382 peptide
ΑN
                                  DGENE
      New peptides corresponding to the C terminus of creatine kinase have a similar function to ***mechano*** - ***growth*** ***factor***
TI
       and are useful to treat muscle damage such as exercise injury, muscular
       dystrophy and heart attack damage.
IN
       Beaumont N
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PA
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ΑI
       GB 2002-3552
PRAI
                          20020214
       Patent
DT
       English
LA
os
       2003-679637 [64]
      Rat C-terminal creatine kinase M-chain peptide.
DESC
L2
       ANSWER 42 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
       ADA23390 peptide
                                  DGENE
ΑN
TI
       New peptides corresponding to the C terminus of creatine kinase have a
       similar function to ***mechano*** - ***growth***
                                                                      ***factor***
       and are useful to treat muscle damage such as exercise injury, muscular
       dystrophy and heart attack damage.
       Beaumont N
ΙN
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ΡI
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      GB 2002-3552
PRAI
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DT
       Patent
       English
ΙA
       2003-679637 [64]
os
DESC
      Human C-terminal creatine kinase B-chain peptide.
L2
      ANSWER 43 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
ΑN
       ADA23378 peptide
                                 DGENE
      New peptides corresponding to the C terminus of creatine kinase have a similar function to ***mechano*** - ***growth*** ***factor***
TI
       and are useful to treat muscle damage such as exercise injury, muscular
       dystrophy and heart attack damage.
      Beaumont N
ΤN
PΑ
       (BEAU-I)
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ΑI
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      GB 2002-3552
PRAI
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DT
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LA
       English
os
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      Human C-terminal MGF peptide.
DESC
L2
      ANSWER 44 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
      ADA23388 peptide
                                 DGENE
ΑN
      New peptides corresponding to the C terminus of creatine kinase have a similar function to ***mechano*** - ***growth*** ***factor***
TI
       and are useful to treat muscle damage such as exercise injury, muscular
      dystrophy and heart attack damage.
ΙN
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PA
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ΑT
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PRAI
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DT
      Patent
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LA

English

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2003-679637 [64]
OS
DESC
      Rabbit C-terminal creatine kinase B-chain peptide.
L2
      ANSWER 45 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
      ADA23383 peptide
ΑN
                                 DGENE
      New peptides corresponding to the C terminus of creatine kinase have a similar function to ***mechano*** - ***growth*** ***factor***
ΤI
      and are useful to treat muscle damage such as exercise injury, muscular
      dystrophy and heart attack damage.
IN
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PA
       (BEAU-I)
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PΙ
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ΑI
PRAI
      GB 2002-3552
                         20020214
DT
      Patent
      English
LA
      2003-679637 [64]
os
DESC
      Mouse C-terminal creatine kinase M-chain peptide.
L2
      ANSWER 46 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
ΑN
                peptide
                                 DGENE
      New peptides corresponding to the C terminus of creatine kinase have a similar function to ***mechano*** - ***growth*** ***factor***
TI
      and are useful to treat muscle damage such as exercise injury, muscular
      dystrophy and heart attack damage.
IN
      Beaumont N
PA
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      WO 2003068949 A1 20030821
PΙ
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ΑI
      GB 2002-3552
PRAI
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      Patent
DT
      English
LA
os
      2003-679637 [64]
      Rabbit C-terminal MGF peptide.
DESC
L2
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ΑN
      ADA23375 peptide
                                DGENE
      New peptides corresponding to the C terminus of creatine kinase have a
TI
      similar function to ***mechano*** - ***growth***
                                                                    ***factor***
      and are useful to treat muscle damage such as exercise injury, muscular
      dystrophy and heart attack damage.
IN
      Beaumont N
      (BEAU-I)
PA
                   BEAUMONT N.
      WO 2003068949 A1 20030821
PΙ
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AΤ
      WO 2003-GB657
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      GB 2002-3552
PRAI
                         20020214
DT
      Patent
LA
      English
os
      2003-679637 [64]
DESC
      Rat C-terminal MGF peptide.
L2
      ANSWER 48 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
      ADA23374 protein
AN
                                DGENE
      New peptides corresponding to the C terminus of creatine kinase have a
TI
      similar function to ***mechano*** - ***growth***
                                                                    ***factor***
      and are useful to treat muscle damage such as exercise injury, muscular
      dystrophy and heart attack damage.
      Beaumont N
IN
      (BEAU-I)
PA
                   BEAUMONT N.
PΙ
      WO 2003068949 A1 20030821
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ΑI
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PRAI
      GB 2002-3552
                         20020214
DT
      Patent
      English
ΙΔ
OS
      2003-679637 [64]
DESC Mouse MGF amino acid sequence.
L2
      ANSWER 49 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
AN
      ADA23373 protein
                                DGENE
      New peptides corresponding to the C terminus of creatine kinase have a similar function to ***mechano*** - ***growth*** ***factor***
TT
      and are useful to treat muscle damage such as exercise injury, muscular
      dystrophy and heart attack damage.
IN
      Beaumont N
PA
      (BEAU-I)
                   BEAUMONT N.
      WO 2003068949 A1 20030821
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21p

PΙ

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WO 2003-GB657
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ΑI
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PRAI
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DT
      Patent
      English
ΙΑ
      2003-679637 [64]
os
      Mouse insulin growth factor 1 amino acid sequence.
DESC
L2
      ANSWER 50 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
      ADA23372 peptide
ΑN
                                 DGENE
      New peptides corresponding to the C terminus of creatine kinase have a similar function to ***mechano*** - ***growth*** ***factor***
TI
       and are useful to treat muscle damage such as exercise injury, muscular
      dystrophy and heart attack damage.
      Beaumont N
IN
       (BEAU-I)
                    BEAUMONT N.
PA
ΡI
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ΑI
      WO 2003-GB657
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      GB 2002-3552
                          20020214
PRAI
DT
      Patent
       English
LA
       2003-679637 [64]
05
DESC
      Muscle damage treatment related peptide SEQ ID NO:1.
L2
      ANSWER 51 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
      ADA23384 peptide
AN
                                 DGENE
      New peptides corresponding to the C terminus of creatine kinase have a similar function to ***mechano*** - ***growth*** ***factor***
TI
       and are useful to treat muscle damage such as exercise injury, muscular
       dystrophy and heart attack damage.
IN
       Beaumont N
       (BEAU-I)
PA
                    BEAUMONT N.
      WO 2003068949 A1 20030821
PΙ
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ΑI
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      GB 2002-3552
PRAI
                          20020214
      Patent
DT
LA
      English
       2003-679637 [64]
OS
      Xenopus C-terminal creatine kinase M-chain peptide.
DESC
      ANSWER 52 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
L2
AN
      ADA23391 peptide
                                 DGENE
      New peptides corresponding to the C terminus of creatine kinase have a similar function to ***mechano*** - ***growth*** ***factor***
TI
      and are useful to treat muscle damage such as exercise injury, muscular
      dystrophy and heart attack damage.
IN
      Beaumont N
PA
       (BEAU-I)
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PΙ
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ΑI
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      GB 2002-3552
PRAI
                          20020214
DT
      Patent
      English
LA
os
       2003-679637 [64]
DESC
      Dog C-terminal creatine kinase B-chain peptide.
L2
      ANSWER 53 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
      ADA23389 peptide
ΑN
                                 DGENE
      New peptides corresponding to the C terminus of creatine kinase have a similar function to ***mechano*** - ***growth*** ***factor***
TT
      and are useful to treat muscle damage such as exercise injury, muscular
      dystrophy and heart attack damage.
      Beaumont N
ΙN
PA
       (BEAU-I)
                    BEAUMONT N.
      WO 2003068949 A1 20030821
PΤ
                                                     21p
      WO 2003-GB657
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AΤ
      GB 2002-3552
PRAI
                          20020214
DΤ
      Patent
LA
      English
05
      2003-679637 [64]
DESC
      Chicken C-terminal creatine kinase B-chain peptide.
L2
      ANSWER 54 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
      ADA23380 peptide
AN
                                 DGENE
TI
      New peptides corresponding to the C terminus of creatine kinase have a
      similar function to ***mechano*** - ***growth***
                                                                       ***factor***
```

and are useful to treat muscle damage such as exercise injury, muscular

```
dystrophy and heart attack damage.
ΙN
      Beaumont N
PA
       (BEAU-I)
                    BEAUMONT N.
      WO 2003068949 A1 20030821
PΙ
                                                    21p
      wo 2003-GB657
ΑI
                         20030214
PRAI
      GB 2002-3552
                         20020214
DΤ
      Patent
LA
      English
os
      2003-679637 [64]
      Rabbit C-terminal creatine kinase M-chain peptide.
DESC
L2
      ANSWER 55 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
      ADA23381 peptide
AN
                                 DGENE
      New peptides corresponding to the C terminus of creatine kinase have a
TI
      similar function to ***mechano*** - ***growth***
                                                                     ***factor***
      and are useful to treat muscle damage such as exercise injury, muscular
      dystrophy and heart attack damage.
ΙN
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P\Delta
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      wo 2003068949 A1 20030821
PΙ
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      wo 2003-GB657
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PRAI
                         20020214
DT
      Patent
      English
LA
os
      2003-679637 [64]
      Dog C-terminal creatine kinase M-chain peptide.
DESC
L2
      ANSWER 56 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
      ADA23379 peptide
ΑN
                                 DGENE
      New peptides corresponding to the C terminus of creatine kinase have a similar function to ***mechano*** - ***growth*** ***factor***
TI
      and are useful to treat muscle damage such as exercise injury, muscular
      dystrophy and heart attack damage.
IN
      Beaumont N
PA
       (BEAU-I)
                    BEAUMONT N.
PΙ
      WO 2003068949 A1 20030821
                                                    21p
ΑI
      WO 2003-GB657
                         20030214
      GB 2002-3552
PRAI
                         20020214
DT
      Patent
      English
ΙΑ
      2003-679637 [64]
os
DESC
      Human C-terminal creatine kinase M-chain peptide.
L2
      ANSWER 57 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
      AAU10564 Protein
AN
                                 DGENE
      Use of insulin-like growth factor I (IGF-I) isoform known as

***mechano*** - ***growth*** ***factor*** which is
TT
                                                               which is encoded by
      IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
      to nerve avulsion, to treat nerve damage
TN
      Goldspink G; Terenghi G
PA
       (UNLO)
                    UNIV COLLEGE LONDON.
       (EGRI-N)
                   EAST GRINSTEAD MEDICAL RES TRUST.
      WO 2001085781 A2 20011115
PT
                                                    65p
      WO 2001-GB2054
AΙ
                         20010510
PRAI
      GB 2000-11278
                         20000510
DT
      Patent
      English
L.A
      2002-055585 [07]
os
CR
      N-PSDB: AAS16884
DESC
      Rabbit insulin-like growth factor I liver-type isoform (L.IGF-I).
L2
      ANSWER 58 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
ΑN
      AAU10563 Protein
                                 DGENE
      Use of insulin-like growth factor I (IGF-I) isoform known as ***mechano*** - ***growth*** ***factor*** which is
TT
                                                              which is encoded by
      IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in responsé
      to nerve avulsion, to treat nerve damage
ΙN
      Goldspink G; Terenghi G
PA
                   UNIV CÖLLEGE LONDON.
      (UNLO)
      (EGRI-N)
                   EAST GRINSTEAD MEDICAL RES TRUST.
      WO 2001085781 A2 20011115
PΙ
ΑI
      WO 2001-GB2054
                         20010510
PRAI
      GB 2000-11278
                         20000510
DT
      Patent
LA
      English
os
      2002-055585 [07]
```

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CR
      N-PSDB: AAS16883
      Rat insulin-like growth factor I liver-type isoform (L.IGF-I).
DESC
L2
      ANSWER 59 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
      AAU10562 Protein
ΑN
                               DGENE
      Use of insulin-like growth factor I (IGF-I) isoform known as
TT
        ***mechano*** - ***growth***
                                             ***factor***
                                                            which is encoded by
      IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
      to nerve avulsion, to treat nerve damage -
      Goldspink G; Terenghi G
IN
PA
      (UNLO)
                   UNIV COLLEGE LONDON.
                   EAST GRINSTEAD MEDICAL RES TRUST.
      (EGRI-N)
      wo 2001085781 A2 20011115
PT
                                                  65p
      WO 2001-GB2054
                        20010510
ΑÏ
      GB 2000-11278
                        20000510
PRAI
      Patent
DT
      English
LA
      2002-055585 [07]
05
CR
      N-PSDB: AAS16882
DESC
      Human insulin-like growth factor I liver-type isoform (L.IGF-I).
L2
      ANSWER 60 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
      AAU10561 Protein
ΑN
                               DGENE
ΤI
      Use of insulin-like growth factor I (IGF-I) isoform known as
        ***mechano*** - ***growth***
                                             ***factor***
                                                             which is encoded by
      IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
      to nerve avulsion, to treat nerve damage
      Goldspink G; Terenghi G
ΙN
                   UNIV COLLEGE LONDON.
PA
      (UNLO)
      (EGRI-N)
                   EAST GRINSTEAD MEDICAL RES TRUST.
      wo 2001085781 A2 20011115
PΙ
      WO 2001-GB2054
                        20010510
ΑI
PRAI
      GB 2000-11278
                        20000510
DT
      Patent
      English
I A
05
      2002-055585 [07]
CR
      N-PSDB: AAS16879
               ***mechano*** - ***growth*** ***factor***
      Rabbit
DESC
                                                                     (MGF)
      polypeptide.
L2
      ANSWER 61 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
AN
      AAU10560 Protein
                               DGENE
      Use of insulin-like growth factor I (IGF-I) isoform known as 
***mechano*** - ***growth*** ***factor*** which is
TI
                                             `***factor*** which is encoded by
      IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
      to nerve avulsion, to treat nerve damage -
IN
      Goldspink G; Terenghi G
PA
                   UNIV COLLEGE LONDON.
      (EGRI-N)
                   EAST GRINSTEAD MEDICAL RES TRUST.
      WO 2001085781 A2 20011115
PΙ
                                                  65p
ΑI
      WO 2001-GB2054
                        20010510
PRAI
      GB 2000-11278
                        20000510
DT
      Patent
      English
LA
      2002-055585 [07]
OS
CR
      N-PSDB: AAS16878
            ***mechano*** - ***growth***
DESC
                                                 ***factor***
                                                                 (MGF)
      polypeptide.
L2
      ANSWER 62 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
      AAU10559 Protein
ΑN
                               DGENE
      Use of insulin-like growth factor I (IGF-I) isoform known as ***mechano*** - ***growth*** ***factor*** which is
TI
                                             ***factor*** which is encoded by
      IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
      to nerve avulsion, to treat nerve damage -
      Goldspink G; Terenghi G
IN
PA
                   UNIV COLLEGE LONDON.
      (EGRI-N)
                   EAST GRINSTEAD MEDICAL RES TRUST.
PΙ
      WO 2001085781 A2 20011115
      WO 2001-GB2054
AΙ
                        20010510
      GB 2000-11278
PRAI
                        20000510
DT
      Patent
LA
      English
      2002-055585 [07]
05
CR
      N-PSDB: AAS16877
              ***mechano*** - ***growth***
DESC Human
                                                  ***factor***
                                                                    (MGF)
```

polypeptide.

disorder -

```
L2
      ANSWER 63 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
               Protein DGENE
***mechano*** - ***growth***
ΑN
      AAE02531 Protein
                                                   ***factor***
                                                                   , an isoform of
TI
      Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
      the manufacture of a medicament for the treatment of neurological
      disorder -
IN
      Goldspink G; Johnson I
      (UNLO) UNIV COLLEGE LONDON. WO 2001036483 A1 20010525
PA
PΙ
                                                 66p
      wo 2000-GB4354 20001115
ΑI
      GB 1999-26968
                        19991115
PRAI
DT
      Patent
      English
LA
      2001-355620 [37]
os
      N-PSDB: AAD06404
CR
      Rat liver-type IGF-I isoform (L.IGF-I) protein, alternative version.
DESC
L2
      ANSWER 64 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
      AAE02456 Protein DGENE
Use of ***mechano*** - ***growth***
ΑN
                                                   ***factor***
                                                                   , an isoform of
ΤI
      Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
      the manufacture of a medicament for the treatment of neurological
      disorder -
IN
      Goldspink G; Johnson I
      (UNLO)
                  UNIV COLLEGE LONDON.
PΑ
PΙ
      WO 2001036483 A1 20010525
                                                 66p
ΑI
      WO 2000-GB4354 20001115
      GB 1999-26968
                        19991115
PRAI
DT
      Patent
      English
LA
      2001-355620 [37]
os
      N-PSDB: AAD06405
CR
DESC
      Rabbit liver-type IGF-I isoform (L.IGF-I) protein, alternative version.
L2
      ANSWER 65 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
      AAE02452 Protein DGENE
Use of ***mechano*** - ***growth*** ***factor*** , an isoform of
ΑN
ΤI
      Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
      the manufacture of a medicament for the treatment of neurological
      disorder -
      Goldspink G; Johnson I
IN
      (UNLO)
                  UNIV COLLEGE LONDON.
PA
      WO 2001036483 A1 20010525
PΙ
                                                 66p
ΑI
      WO 2000-GB4354 20001115
PRAI
      GB 1999-26968
                        19991115
DT
      Patent
      English
LA
os
      2001-355620 [37]
CR
      N-PSDB: AAD06405
DESC
      Rabbit liver-type IGF-I isoform (L.IGF-I) protein.
L2
      ANSWER 66 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
      AAE02451 Protein DGENE
Use of ***mechano*** - ***growth*** ***factor*** , an_isoform of
ΑN
TI
      Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
      the manufacture of a medicament for the treatment of neurological
      disorder -
      Goldspink G; Johnson I
IN
                  UNIV COLLEGE LONDON.
PA
      (UNLO)
      WO 2001036483 A1 20010525
PI
                                                 66p
ΑI
      WO 2000-GB4354
                       20001115
PRAI
      GB 1999-26968
                        19991115
DT
      Patent
LA
      English
os
      2001-355620 [37]
      N-PSDB: AAD06404
CR
DESC
      Rat liver-type IGF-I isoform (L.IGF-I) protein.
      ANSWER 67 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
L2
ΑN
      AAE02450 Protein
                              DGENE
      Use of ***mechano*** - ***growth***
                                                   ***factor*** , an isoform of
TT
      Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
      the manufacture of a medicament for the treatment of neurological
```

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ΙN
       Goldspink G; Johnson I
PA
       (UNLO)
                     UNIV COLLEGE LONDON.
       WO 2001036483 A1 20010525
PΙ
                                                      66p
ΑI
       wo 2000-GB4354
                          20001115
PRAI
       GB 1999-26968
                          19991115
DT
       Patent
       English
LA
os
       2001-355620 [37]
       N-PSDB: AAD06403
CR
DESC
       Human liver-type IGF-I isoform (L.IGF-I) protein.
L2
       ANSWER 68 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
       AAE02449 Protein DGENE
Use of ***mechano*** - ***growth***
ΑN
                                                         ***factor*** , an isoform of
TI
       Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
       the manufacture of a medicament for the treatment of neurological
       disorder -
IN
       Goldspink G; Johnson I
PA
       (UNLO)
                    UNIV COLLEGE LONDON.
       wo 2001036483 A1 20010525
PΙ
                                                      66p
       WO 2000-GB4354
                          20001115
ΑI
       GB 1999-26968
PRAI
                          19991115
       Patent
DT
       English
LA
os
       2001-355620 [37]
       N-PSDB: AAD06400
CR
       Rabbit IGF-I isoform
                               ***mechano*** - ***growth***
DESC
                                                                        ***factor***
       (MGF) protein.
L2
       ANSWER 69 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
       AAE02448 Protein DGENE
Use of ***mechano*** - ***growth*** ***factor*** , an isoform
Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
AN
TI
                                                                          , an isoform of
       the manufacture of a medicament for the treatment of neurological
       disorder -
ΙN
       Goldspink G; Johnson I
PA
       (UNLO)
                    UNIV COLLEGE LONDON.
PΙ
       WO 2001036483 A1 20010525
                                                      66p
       WO 2000-GB4354 20001115
ΑI
       GB 1999-26968
PRAI
                          19991115
DT
       Patent
       English
LA
os
       2001-355620 [37]
CR
       N-PSDB: AAD06399
DESC
       Rat IGF-I isoform
                            (MGF) protein.
L2
       ANSWER 70 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
ΑN
       AAE02447 Protein
      Use of ***mechano*** - ***growth*** ***factor*** , an isoform Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in the manufacture of a medicament for the treatment of neurological
TI
                                                         ***factor*** , an isoform of
       disorder -
IN
       Goldspink G; Johnson I
PA
                    UNIV COLLEGE LONDON.
PΙ
       wo 2001036483 A1 20010525
                                                      66p
       WO 2000-GB4354
ΑI
                          20001115
PRAI
       GB 1999-26968
                          19991115
DT
       Patent
LA
       English
       2001-355620 [37]
os
      N-PSDB: AAD06398
CR
                               ***mechano*** - ***growth***
DESC
      Human IGF-I isoform
                                                                        ***factor***
       (MGF) protein.
L2
       ANSWER 71 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
      ACF79636 CDNA
               6 CDNA DGENE
***Mechano*** ***Growth***
AN
ΤI
                                                        ***Factor***
                                                                          polypeptide or
      polynucleotide for preventing or limiting apoptosis in the myocardium, particularly for preventing or limiting myocardial damage in response to
       ischemia or mechanical overload of the heart.
      Goldspink G; Goldspink P
(UNLO) UNIV COLLEGE LONDON.
TN
PA
                    UNIV ILLINOIS FOUND.
      WO 2003066082 A1 20030814
PT
                                                      74p
      WO 2003-GB537
ΑI
                          20030206
```

```
PRAI GB 2002-2906
                           20020207
DT
       Patent
       English
LA
       2003-636936 [60]
os
       P-PSDB: ABR63168
CR
             ***mechano***
                                   ***arowth***
                                                      ***factor***
                                                                        cDNA (3' region).
DESC
L2
       ANSWER 72 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
                               DGENE
       ACF79640 CDNA
ΑN
               ***Mechano***
                                      ***Growth***
                                                         ***Factor***
ΤI
       Use of
                                                                           polypeptide or
       polynucleotide for preventing or limiting apoptosis in the myocardium, particularly for preventing or limiting myocardial damage in response to
       ischemia or mechanical overload of the heart.
       Goldspink G; Goldspink P
IN
                     UNIV COLLEGE LONDON.
PA
       (UNII)
                     UNIV ILLINOIS FOUND.
PΙ
       WO 2003066082 A1 20030814
                                                       74p
       wo 2003-GB537
                           20030206
ΑI
PRAI
       GB 2002-2906
                           20020207
DT
       Patent
       English
LA
os
       2003-636936 [60]
CR
       P-PSDB: ABR63172
       Rabbit liver-type insulin-like growth factor 1 cDNA (3' region).
DESC
L2
       ANSWER 73 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
       ACF79642 DNA
ΑN
                              DGENE
                 ***Mechano***
ΤI
                                      ***Growth***
                                                          ***Factor***
                                                                           polypeptide or
       polynucleotide for preventing or limiting apoptosis in the myocardium, particularly for preventing or limiting myocardial damage in response to ischemia or mechanical overload of the heart.
       Goldspink G; Goldspink P
IN
                     UNIV COLLEGE LONDON.
PA
       (UNLO)
                     UNIV ILLINOIS FOUND.
       WO 2003066082 A1 20030814
PΙ
                                                       74p
       WO 2003-GB537
ΑI
                          20030206
PRAI
       GB 2002-2906
                           20020207
DT
       Patent
       English
LA
os
       2003-636936 [60]
       Translation initiation sequence.
DESC
L2
       ANSWER 74 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
ΑN
       ACF79639 CDNA
                               DGENE
                ***Mechano***
                                      ***Growth***
TI .
                                                          ***Factor***
                                                                           polypeptide or
       polynucleotide for preventing or limiting apoptosis in the myocardium,
       particularly for preventing or limiting myocardial damage in response to
       ischemia or mechanical overload of the heart.
IN
       Goldspink G; Goldspink P
                    UNIV COLLEGE LONDON.
UNIV ILLINOIS FOUND.
PA
       (UNLO)
       (UNII)
PΙ
       WO 2003066082 A1 20030814
                                                      74p
ΑI
       WO 2003-GB537
                          20030206
PRAI
       GB 2002-2906
                          20020207
DT
       Patent
LA
       English
       2003-636936 [60]
0S
CR
       P-PSDB: ABR63171
DESC
      Rat liver-type insulin-like growth factor 1 cDNA (3' region).
12
       ANSWER 75 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
AN
       ACF79638 CDNA
                               DGENE
                ***Mechano***
                                     ***Growth***
                                                         ***Factor***
TI
                                                                           polypeptide or
       polynucleotide for preventing or limiting apoptosis in the myocardium, particularly for preventing or limiting myocardial damage in response to
       ischemia or mechanical overload of the heart.
       Goldspink G; Goldspink P
IN
PA
       (UNLO)
                    UNIV COLLEGE LONDON.
       (UNII)
                    UNIV ILLINOIS FOUND.
PΙ
      WO 2003066082 A1 20030814
                                                      74p
AΤ
      WO 2003-GB537
                          20030206
PRAI
      GB 2002-2906
                          20020207
DT
      Patent
LA
      English
05
      2003-636936 [60]
CR
       P-PSDB: ABR63170
```

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DESC Human liver-type insulin-like growth factor 1 cDNA (3' region).
L2
      ANSWER 76 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
ΑN
      ACF79637
                 CDNA
                              DGENE
                ***Mechano***
                                     ***Growth***
                                                         ***Factor***
                                                                          polypeptide or
ΤI
      polynucleotide for preventing or limiting apoptosis in the myocardium, particularly for preventing or limiting myocardial damage in response to
       ischemia or mechanical overload of the heart.
       Goldspink G; Goldspink P
TN
                    UNIV COLLEGE LONDON.
PA
       (UNLO)
       (UNII)
                    UNIV ILLINOIS FOUND.
      wo 2003066082 A1 20030814
                                                     74p
PΙ
      WO 2003-GB537
                          20030206
ΑI
      GB 2002-2906
                          20020207
PRAI
       Patent
DT
       English
LA
       2003-636936 [60]
os
       P-PSDB: ABR63169
CR
                ***mechano***
                                     ***growth***
                                                        ***factor***
                                                                          cDNA (3'
DESC
      Rabbit
       region).
L2
       ANSWER 77 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
       ACF79635 CDNA
ΑN
                              DGENE
                ***Mechano***
                                     ***Growth***
                                                         ***Factor***
       Use of
                                                                          polypeptide or
TT
       polynucleotide for preventing or limiting apoptosis in the myocardium, particularly for preventing or limiting myocardial damage in response to
       ischemia or mechanical overload of the heart.
       Goldspink G; Goldspink P
ΙN
                    UNIV COLLEGE LONDON.
PA
       (UNLO)
      (UNII) UNIV ILLINOIS FOUND. WO 2003066082 A1 20030814
PI
                                                     74p
      WO 2003-GB537
                          20030206
ΑI
       GB 2002-2906
                          20020207
PRAI
DT
       Patent
       English
1 A
OS
       2003-636936 [60]
CR
       P-PSDB: ABR63167
               ***mechano***
                                    ***arowth***
                                                        ***factor***
                                                                         cDNA (3'
DESC
       region).
L2
       ANSWER 78 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
       ACF79641 DNA DGE
Use of ***Mechano***
AN
                             DGENE
                                     ***Growth***
                                                         ***Factor***
TI
                                                                          polypeptide or
       polynucleotide for preventing or limiting apoptosis in the myocardium, particularly for preventing or limiting myocardial damage in response to
       ischemia or mechanical overload of the heart.
IN
       Goldspink G; Goldspink P
                    UNIV COLLEGE LONDON.
PA
       (UNII)
                    UNIV ILLINOIS FOUND.
       WO 2003066082 A1 20030814
PΙ
                                                     74p
      WO 2003-GB537
                          20030206
AΙ
PRAI
       GB 2002-2906
                          20020207
DT
       Patent
       English
LA
       2003-636936 [60]
OS
DESC
      Translation initiation sequence.
L2
       ANSWER 79 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
ΑN
       AAS16884 CDNA
                              DGENE
TI
       Use of insulin-like growth factor I (IGF-I) isoform known as
         ***mechano*** - ***growth***
                                                 ***factor***
                                                                which is encoded by
       IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
       to nerve avulsion, to treat nerve damage
       Goldspink G; Terenghi G
ΙN
                    UNIV COLLEGE LONDON.
PΑ
       (UNLO)
       (EGRI-N)
                    EAST GRINSTEAD MEDICAL RES TRUST.
      WO 2001085781 A2 20011115
PΙ
      WO 2001-GB2054
                          20010510
ΑI
PRAI
      GB 2000-11278
                          20000510
DT
       Patent
       Enalish
LA
       2002-055585 [07]
os
       P-PSDB: AAU10564
CR
DESC
      Rabbit insulin-like growth factor I liver-type isoform (L.IGF-I) cDNA.
```

ANSWER 80 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN

L2

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AAS16883 CDNA
                             DGENE
AN
      Use of insulin-like growth factor I (IGF-I) isoform known as 
***mechano*** - ***growth*** ***factor*** which is
TI
                                               ***factor***
                                                               which is encoded by
      IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
      to nerve avulsion, to treat nerve damage -
ΙN
      Goldspink G; Terenghi G
PA
       (UNLO)
                   UNIV COLLEGE LONDON.
       (EGRI-N)
                   EAST GRINSTEAD MEDICAL RES TRUST.
      WO 2001085781 A2 20011115
PΙ
      WO 2001-GB2054
                         20010510
ΑI
PRAI
      GB 2000-11278
                         20000510
      Patent
DT
      English
LA
os
      2002-055585 [07]
      P-PSDB: AAU10563
CR
DESC
      Rat insulin-like growth factor I liver-type isoform (L.IGF-I) cDNA.
L2
      ANSWER 81 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
                             DGENE
AN
      AAS16882 CDNA
      Use of insulin-like growth factor I (IGF-I) isoform known as 
***mechano*** - ***growth*** ***factor*** which is
TI
                                                               which is encoded by
      IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in responsé
      to nerve avulsion, to treat nerve damage -
TN
      Goldspink G; Terenghi G
                   UNIV COLLEGE LONDON.
PA
       (EGRI-N)
                   EAST GRINSTEAD MEDICAL RES TRUST.
      wo 2001085781 A2 20011115
PΙ
      WO 2001-GB2054
                         20010510
ΑI
PRAI
      GB 2000-11278
                         20000510
DT
      Patent
      English
LA
      2002-055585 [07]
os
      P-PSDB: AAU10562
CR
      Human insulin-like growth factor I liver-type isoform (L.IGF-I) cDNA.
DESC
L2
      ANSWER 82 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
ΑN
      AAS16881 CDNA
                             DGENE
TI
      Use of insulin-like growth factor I (IGF-I) isoform known as
         ***mechano*** - ***growth***
                                              ***factor*** which is encoded by
      IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
      to nerve avulsion, to treat nerve damage
IN
      Goldspink G; Terenghi G
       (UNLO)
                   UNIV COLLEGE LONDON.
PA
       (EGRI-N)
                   EAST GRINSTEAD MEDICAL RES TRUST.
      WO 2001085781 A2 20011115
PΙ
                                                    65p
      WO 2001-GB2054
                         20010510
ΑI
PRAI
      GB 2000-11278
                         20000510
DT
      Patent
      English
LA
      2002-055585 [07]
os
DESC
      Translation initiation sequence #2.
L2
      ANSWER 83 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
      AAS16880 CDNA
AN
                             DGENE
      Use of insulin-like growth factor I (IGF-I) isoform known as 
***mechano*** - ***growth*** ***factor*** which is
TI
                                                             which is encoded by
      IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
      to nerve avulsion, to treat nerve damage
IN
      Goldspink G; Terenghi G
PA
       (UNLO)
                   UNIV COLLEGE LONDON.
                   EAST GRINSTEAD MEDICAL RES TRUST.
       (EGRI-N)
PΙ
      WO 2001085781 A2 20011115
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PRAI
      GB 2000-11278
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      Patent
      English
LA
      2002-055585 [07]
os
DESC
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L2
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AN
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      Use of insulin-like growth factor I (IGF-I) isoform known as ***mechano*** - ***growth*** ***factor*** which is
TI
                                               ***factor*** which is encoded by
      IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
      to nerve avulsion, to treat nerve damage
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IN

Goldspink G; Terenghi G

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UNIV COLLEGE LONDON.
      (UNLO)
PA
      (EGRI-N)
                  EAST GRINSTEAD MEDICAL RES TRUST.
      WO 2001085781 A2 20011115
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DΤ
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LA
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              ***mechano*** - ***growth***
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                                                                      (MGF) cDNA.
DESC
      ANSWER 85 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
L2
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                            DGENE
AN
      Use of insulin-like growth factor I (IGF-I) isoform known as 
***mechano*** - ***growth*** ***factor*** which is
TI
                                                              which is encoded by
      IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
      to nerve avulsion, to treat nerve damage -
      Goldspink G; Terenghi G
IN
                   UNIV COLLEGE LONDON.
      (UNLO)
PA
      (EGRI-N)
                   EAST GRINSTEAD MEDICAL RES TRUST.
      WO 2001085781 A2 20011115
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os
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            ***mechano*** - ***growth***
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                                                                  (MGF) cDNA.
DESC
      ANSWER 86 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
L2
AN
      AAS16877 CDNA
                           DGENE
      Use of insulin-like growth factor I (IGF-I) isoform known as

***mechano*** - ***growth*** ***factor*** which is encoded by
TI
      IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
      to nerve avulsion, to treat nerve damage -
      Goldspink G; Terenghi G
IN
      (UNLO)
                   UNIV COLLEGE LONDON.
PA
                   EAST GRINSTEAD MEDICAL RES TRUST.
       (EGRI-N)
PΤ
      wo 2001085781 A2 20011115
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LA
      English
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os
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DESC
L2
      ANSWER 87 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
                       DGENE
ΑN
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               ***mechano*** - ***growth***
                                                     ***factor***
ΤI
                                                                     , an isoform of
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      the manufacture of a medicament for the treatment of neurological
      disorder -
      Goldspink G; Johnson I
IN
                   UNIV COLLEGE LONDON.
PA
       (UNLO)
      WO 2001036483 A1 20010525
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PRAI
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      Patent
LA
      English
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      P-PSDB: AAE02452; AAE02456
Rabbit liver-type IGF-I isoform (L.IGF-I) cDNA.
CR
DESC
      ANSWER 88 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
L2
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ΑN
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      disorder -
      Goldspink G; Johnson I
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AΤ
PRAI
      GB 1999-26968
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DT

Patent

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English
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DESC
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1.2
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Use of ***mechano*** - ***growth*** ***factor*** , an_isoform of
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      Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
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      disorder -
      Goldspink G; Johnson I
IN
                  UNIV COLLEGE LONDON.
      (UNLO)
PA
      WO 2001036483 A1 20010525
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PΙ
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      Human liver-type IGF-I isoform (L.IGF-I) cDNA.
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L2
      AAD06402 DNA DGENE
Use of _***mechano*** - ***growth***
ΑN
                                                   ***factor*** , an isoform of
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      Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
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ΙN
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DESC
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L2
AN
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      Use of ***mechano*** - ***growth***
                                                  ***factor*** , an isoform of
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      disorder -
      Goldspink G; Johnson I
ΙN
                   UNIV COLLEGE LONDON.
PA
      (UNLO)
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ΑI
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DESC
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ΑN
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      disorder -
      Goldspink G; Johnson I (UNLO) UNIV COLLEGE LONDON.
IN
PA
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                                                                   ***factor***
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DESC
      (MGF) cDNA.
      ANSWER 93 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
L2
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Use of ***mechano*** - ***growth***
ΑN
                                                    ***factor*** . an isoform of
TT
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Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in

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disorder -
       Goldspink G; Johnson I
IN
                    UNIV COLLEGE LONDON.
       (UNLO)
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DESC
       (MGF) cDNA.
       ANSWER 94 OF 94 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
L2
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Use of ***mechano*** - ***growth***
ΑN
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       Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in the manufacture of a medicament for the treatment of neurological
       disorder -
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                               ***mechano*** - ***growth***
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       (MGF) cDNA.
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STN INTERNATIONAL LOGOFF AT 12:03:56 ON 04 MAR 2004

the manufacture of a medicament for the treatment of neurological